12,7 cm / 5“ Navigation System

MEDION® GoPal® E5x70

Instruction Manual

Table of contents

1. About these Instructions 5
1.1. Symbols and Key Words Used in these Instructions 5
1.2. Proper Use 6
1.3. Information about Conformity 6
2. Safety Instructions 7
2.1. Dangers for children and people with reduced ability to operate electronics 7
2.2. Operational Safety 7
2.3. Never carry out repairs yourself 8
2.4. Data Security 8
2.5. Operating Environment 8
2.6. Ambient Temperature 9
2.7. Electromagnetic Compatibility 9
2.8. Connection 10
2.9. Cabling 10
2.10. Battery Operation 10
2.11. Maintenance 11
2.12. Care of the Display 11
3. Supplied Items 12
4. Views 13
4.1. Front Components 13
4.2. Back Components 14
4.3. Top Components 14
4.4. Left Components 15
5. Initial Set up 16
5.1. Charging the Battery 16
5.2. Power Supply 17
5.3. Switching on the Device 17
6. General Operating Instructions 20
6.1. Switching on/off the Device 20
7. Security 22
7.1. Storing the password and the information note 22
7.2. Making settings 23
7.3. SuperPIN and UUID 24
7.4. Making subsequent settings 25
8. Resetting the Navigation System 27
8.1. Reset 27
8.2. Switching the Device off Completely / Hard Reset 27
9. Navigation 28
9.1. Safety Instructions for Navigation 28

9.2. Aerial Orientation 30
9.3. Mounting the Car Holder 30
9.4. Attaching the Navigation System 31
9.5. Connecting the Car Adapter 32
9.6. Starting the Navigation Software 33
10. Warning Function for Traffic Monitoring Points (optional) 34
11. Speech Commands (optional) 37
12. Bluetooth (optional) 40
12.1. Starting the Bluetooth Application 40
12.2. Overview of the Main Screen 40
12.3. Pairing the Navigation Device and the Mobile Phone 41
12.4. Accepting incoming calls 42
12.5. Making Calls 43
12.6. Show and Read Out Incoming Messages 43
12.7. During a Call 44
13. MP3 Player (optional) 45
13.1. Overview of the Main Screen 45
13.2. Select a Title and Move it into the List of Favourites 46
13.3. List of the established bookmarks 47
14. Picture Viewer (optional) 48
14.1. Operating the Picture Viewer 48
14.2. Main Screen 48
15. Travel Guide (optional) 51
15.1. Overwiev of the Main Screen 51
16. Where am I? (optional) 53
17. Eco Expert (optional) 54
17.1. Overwiev of the Main Screen 54
18. Alarm Clock (waking function) (optional) 56
18.1. Overview of the Main Screen 56
18.2. Description of the Interfaces 56
18.3. Selecting an Alarm Signal 58
18.4. Setting the Volume 59
18.5. Snooze Function 60
19. Sudoku (optional) 61
19.1. Main Screen 61
19.2. Description of the Switch Fields 61
19.3. Overview of the Game Field 62
20. Traffic Rules Europe 63
21. Special CleanUp Function 64
22. Synchronisation with the PC 66
22.1. Installing Microsoft® ActiveSync® 66

22.2. Connecting with the PC 67
22.3. Working with Microsoft® ActiveSync® 69
23. GPS (Global Positioning System) 70
24. TMC (Traffic Message Channel) (optional) 71
24.1. Premium TMC (optional) 71
25. Working with Memory Cards 72
25.1. Inserting Memory Cards 72
25.2. Removing Memory Cards 72
25.3. Additional Card Material 73
26. FAQ 74
27. Customer Service 75
27.1. Faults and Possible Causes 75
27.2. Additional Support 75
27.3. Transport 76
28. Recycling and Disposal 76
29. Specifications 77
30. Model Overview 77
31. Regulatory information 78
31.1. Regulations statements 78
32. FCC Compliance Statement 79
33. Legal notice 79
34. Index 80

Personal Data

Take a note for your proof of ownership:

Serial Number .....
Password .....
Information note .....
SuperPIN .....
UUID .....
Date of Purchase .....
Place of Purchase .....

Please record the serial number into any appropriate guarantee documents.
You will enter your own password and information note using the Security Function.
The SuperPIN and the UUID will be provided following the activation of the Security Function. See page 22.

Quality

The components used have been selected to provide a product that has a high level of functionality and is user friendly, safe and reliable. A well-balanced hardware and software design allows us to offer you a technologically advanced navigation system, which is both practical and enjoyable to use.

Service

Our customer care is there to provide support and assistance whenever you have questions or are experiencing problems.
This manual contains a section specific to Customer Service starting on page 75.

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1. About these Instructions

Read these operating instructions carefully before using the appliance for the first time. Note the warnings on the unit and in the operating instructions.

Always keep the operating instructions close to hand. If you sell the equipment or give it away, make sure you also hand over these instructions and the warranty card.

1.1. Symbols and Key Words Used in these Instructions

	DANGER! ***Warning of immediate risk of fatal injury!*** ***WARNING!*** ***Warning: possible mortal danger and/or serious irreversible injuries!*** ***CAUTION!*** ***Warning: possible light or moderate injuries!***
	CAUTION! *Please follow the guidelines to avoid property damage.*
	PLEASE NOTE! Additional information on using the device!
	PLEASE NOTE! Please follow the guidelines in the operating instructions.
	WARNING! ***Warning: risk of electric shock!***
•	Bulleted item/information on operating steps and results
▸	Tasks to be performed

1.2. Proper Use

The device is designed as a receiver of GPS signals (position data provided from satellites) for navigation and the determination of location. The device is intended for private use only and not for industrial/commercial use.

Please note that we shall not be liable in case of improper use:

- Do not modify the device without our consent and do not use any auxiliary equipment which we have not approved or supplied.
- Use only spare parts and accessories which we have supplied or approved.
- Follow all the instructions in these directions for use, especially the safety information. Any other use is deemed improper and can cause personal injury or damage to the product.
- Do not use the device in extreme ambient temperatures and conditions.

1.3. Information about Conformity

The following remote equipment has been supplied with this device:

- Bluetooth (only with model E5470) (optional)

The company declares herewith that these devices are in agreement with the fundamental requirements and the other relevant terms of the 1999/5/EG Guideline.

This device fulfils the basic requirements and the relevant regulation of the Ecodesign Guideline 2009/125/EG. Complete declarations of conformity are available under www.medion.com/conformity.

CE 2200

PLEASE NOTE!

You can find detailed operating instructions for the sat nav on the CD/DVD, as well as via the online help for the device.

2. Safety Instructions

2.1. Dangers for children and people with reduced ability to operate electronics

- Do not allow small children to play unattended with electrical equipment. Children are incapable of judging potential risks properly.
- Keep the appliance and its accessories out of reach of children.

DANGER!
***Keep plastic packaging out of reach of children. There is a risk of suffocation*.**

2.2. Operational Safety

- Please read this section carefully and follow all the instructions provided. This will help ensure reliable operation and prolong the life of your appliance.
- Keep the packaging and the user instructions for future reference or enquiries at a later date. If you pass the article on to another person, you should pass on these instructions.
- Never open up the housing of the appliance. This contains no user-serviceable parts. If the housing is opened there is a danger of electric shock.
- Please operate your navigation system with an approved power supply only.
- Do not place any objects on the appliance and do not exert any pressure on the display. Otherwise there is a danger that the screen will break.
- To avoid damage, do not touch the screen with sharp objects. We recommend using only the stylus provided or finger when using the touch-screen functionality of the product.
- There is a risk of injury if the display breaks. If this should occur, use protective gloves to pack the broken parts and contact customer support to arrange for disposal. Then wash your hands with soap, since there is a possibility that chemicals may have escaped.
- Switch the appliance off immediately, or do not switch it on, and contact Customer Service.

- If the housing of the appliance becomes damaged or liquid may have leaked into it the components must be checked by Customer Service in order to avoid damage!

2.3. Never carry out repairs yourself

***WARNING*!**
Never try to open or repair the appliance yourself.

- Please contact our Service Centre if you encounter technical problems with your appliance.
- In the event a repair becomes necessary, please use Medion authorised Service Partners. The address can be found on the back of your guarantee card or online at *www.medion.co.uk*

2.4. Data Security

CAUTION!
*Every time you update your data make back-up copies on an external storage medium. The supplier does not assume liability for data loss or damage to data storage units, and no claims will be accepted for damages resulting from the loss of data or consequential losses***.**

2.5. Operating Environment

Failure to follow these instructions may lead to your appliance being damaged. In cases where products are damaged as a result of misuse or neglect the associated guarantee will be considered void.

- Keep your navigation System and all connected devices away from moisture and avoid exposure to dust, heat and direct sunlight, especially in the car.
- Make sure you prevent your appliance from getting wet, e.g. from rain and hail, at all times. Please note that moisture can even build up inside a protective pouch as a result of condensation.
- Avoid heavy vibrations and shaking.
- Please note the device should be installed vertically, this will ensure that the device remains secure within its holder.

2.6. Ambient Temperature

- The appliance will operate effectively at an ambient temperature of between +32°F and +95°F (0 °C and 35 °C) and at a relative humidity of between 10 % and 90 % (non-condensing).
- In the powered down state the appliance can be stored at between -4°F and +140°F (-20 °C + to 60 °C).
- Store the appliance in a safe location, away from high temperatures (e.g. when parking or from direct sunlight).

2.7. Electromagnetic Compatibility

- When connecting additional or other components the "Electromagnetic Compatibility Directive" (EMC) must be adhered to. Please note that only screened cable (maximum 10ft) should be used with this appliance.
- For optimal performance, maintain a distance of at least 10 ft. from sources of high-frequency and magnetic interference (televisions, loudspeaker systems, mobile telephones etc.).This will help to avoid malfunctions and loss of data.
- Electronic devices emit electromagnetic waves during operation. These emissions are harmless, but can interfere with other devices operated in close proximity.
  While our devices are tested and optimised for electromagnetic compliance in our laboratories, interference during operation may still occur in the device itself and with other devices in its proximity.
  Should such interference occur, try to eliminate it by adjusting the positions of and the distances between the devices.
  Before driving, please ensure that the electronic systems of the car are working properly.

2.8. Connection

When connecting your appliance it is important to observe the following instructions:

2.8.1. Power supply through Car Adapter

- The car adapter should only be connected to the lighter socket of a car (car battery = DC 12V ⎓, truck battery = DC 24V ⎓). If you are in any doubt about the power source in your car, please contact your car manufacturer.

2.9. Cabling

- Arrange cables so that they do not cause unnecessary obstruction or risk entanglement or snaring. E.g. ensure that the cables cannot be trod on, or tripped over.
- Do not put any objects on the cable, because it could be damaged if you do so.
- Do not use any force and pay attention to the correct orientation of the plug when connecting the cables and plugs.
- Do not permit any great forces to be exerted on the plug connections, from the side, for example. This will lead to damage in and to your device if you do so.
- Avoid short circuiting and broken cable by not crushing or bending it sharply.

2.10. Battery Operation

Your appliance is powered by an integrated battery. In order to prolong the life and efficiency of your battery and ensure safe operation, follow the instructions below:

- Batteries cannot withstand excessive heat. Take care to avoid overheating of appliance and the integrated battery. Failure to comply with this instruction may lead to damage to or, even explosion of the battery.
- Only use the car adapter to charge the battery.
- The batteries are **special category waste**. When disposing of the appliance ensure that this is done correctly. Contact Customer Service for more details.

2.11. Maintenance

CAUTION!

There are no user-serviceable parts which require cleaning inside the housing of the appliance.

You can prolong the life of the appliance by taking the following simple steps:

- Always remove the power plug and all connecting cables before cleaning.
- Clean the appliance only with a damp, lint-free cloth.
- Do not use solvents, caustic or gaseous cleaners.

2.12. Care of the Display

- Avoid scratching the display surface as this may be easily damaged. We recommend using a display protection film (mylar) to prevent scratching of the screen. Please contact your nearest dealer for this accessory. The plastic on the display at delivery is purely for protection during transportation!
- Ensure that no traces of water remain on the screen. Water can cause irreversible discoloration.
- Use only a soft, lint-free cloth to clean the screen.
- Do not expose the screen to strong sunlight or ultraviolet radiation.

PLEASE NOTE!

Protective film is on the surfaces to protect the device against scratching during production and transportation. Pull off all the film after you have set up the device correctly and before bringing it into operation.

3. Supplied Items

Please check the condition of items supplied and check for missing items using the list below. If you find your package to be incomplete, please forward to us all claims for missing items within 14 days from the date of purchase. The package should include the following:

- Navigation system
- Power cable for cigarette lighter
- Car holder and cradle
- USB cable
- CDs/DVDs with navigation software
- Instruction manual

WARNING!

Keep the packaging materials, such as plastic bags away from children as there is a danger of suffocation.

4. Views

4.1. Front Components

Ref.	Component	Description
1	Battery Charge Indicator	The LED will flash **orange** during the charging process. It will shine constant **green** when the accumulator is fully charged.
2	Touch Screen	Displays the output of your appliance. Tap on the screen with your finger, a stylus or a „blunt" tip to select menu commands or enter data. **CAUTION!** *To avoid damaging the screen, do not touch it with square-edged or sharp objects. For example, use a blunt stylus. In many cases, it is possible to also operate the device using a finger.*
3	Microphone	(only with model E5470)

4.2. Back Components

Ref.	Component	Description
4	Loudspeaker	Plays back music, language statements and warnings.

4.3. Top Components

Ref.	Component	Description
5	On-/ Off button	Turn the device on or off by pressing and **holding** the **On/Off button**. You will switch to the stand-by mode or reactivate the device by quickly pressing the button.

4.4. Left Components

Ref	Component	Description
6	Memory card insertion slot with cover	Accepts an optional memory card for removable storage.
7	microUSB-Connector	Connection to external power supply as well as connection for connecting to a PC by means of the USB cable (for data matching)

PLEASE NOTE!
Close the cover again after using the memory card each time.

5. Initial Set up

The following is a step by step guide to assist in the initial Set-up of the navigation system. Start by removing the protective plastic from the display.

5.1. Charging the Battery

The battery of your navigation system can be charged in the following ways:

- Using the supplied car adapter or
- using a suitable USB cable.

CAUTION!

It may be necessary to initially charge the battery for a considerable period of time prior to commencing and running through the initial installation, this is dependent on the level of charge held at the time by the internal battery.

Please observe the following notes relating to the battery:

- The charging status display LED will flash orange until the navigation system is charged. If possible, do not interrupt the charging process until the battery is fully charged. This may take a few hours. The charging status LED will shine constant green if the battery has a high level of charge. Leave the device charging for 20 further minutes, to ensure the battery is fully charged.
- The navigation system can be used during the charging process, but the power supply must not be interrupted during initial set-up.
- Leave the external power supply connected to the navigation system for around 24 hours, so that the backup battery also charges-up fully.
- The external power supply can remain connected; this is recommended for continuous operation. However, the mains adapter (optional) must remain switched on whenever it is connected to the navigation system.
- Even after a power source has been connected to the device it may take several minutes until the device is once again ready to operate again, this occurs if the charging state of the battery is exceptionally low. The battery will continue to be charged if the power supply is connected and the device is switched off.
- The battery will be charged, even if the device is switched off completely.

5.2. Power Supply

5.2.1. Car Adapter

- Plug the jack of the connection cable into the corresponding receptor of your navigation system.
- Insert the power adapter into the cigar lighter socket ensuring, that it will not lose contact while driving. This could cause a malfu.

5.2.2. Alternative Possibility of Charging the Battery

The battery will charge as soon as you connect your navigation device to a switched-on PC or notebook by means of a USB cable.

No additional software or updates is required for your PC to perform this function.

- Do not interrupt the charging process if possible during the initial charge.

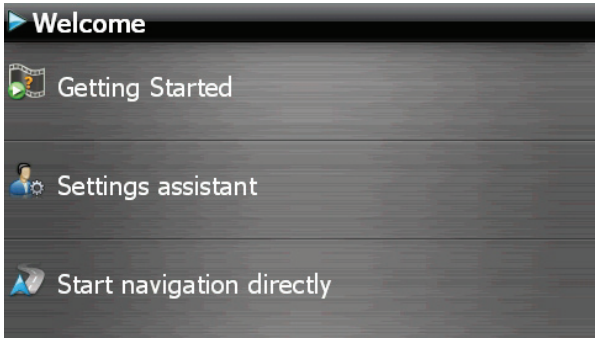
PLEASE NOTE!

The brightness will be adjusted downwards, if necessary, if a USB connection is being set up when the device is switched on.

It is recommended to set the device to the stand-by mode, in order to shorten the charging time by USB.

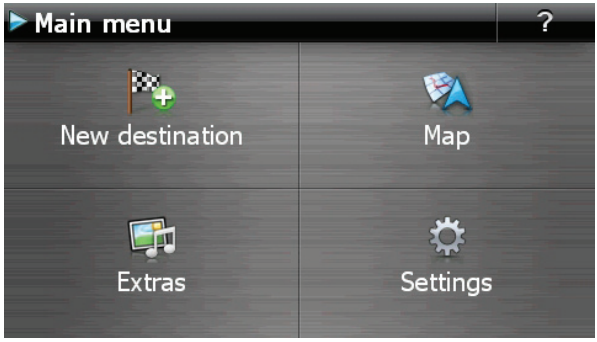
5.3. Switching on the Device

- You will switch your navigation device on or off again completely by pressing the On/Off key (approx. 1 sec.).
- You can switch your navigation device into standby mode and then back on again by briefly pressing (> 0.5 sec.) the On/Off switch.
- The navigation system will start the first setting up automatically. Select the language that you require first. The brand logo will appear and your device will display the entry screen after a few seconds.

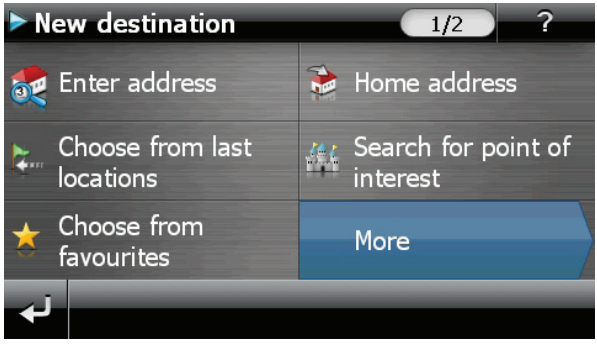


The following options will be available to you subsequently:

- You will receive a short introduction about bringing your navigation device and the navigation software through the Getting Started switch. The mounting in the vehicle, entering and administering navigation destinations, general instructions for use, etc. are described here, among other aspects.
- You will start the Settings assistant for the configuration of the basic settings of your navigation software by means of the Settings assistant switch.
- You will reach the Main menu of your navigation software by means of the Start navigation directly switch.

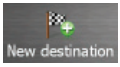
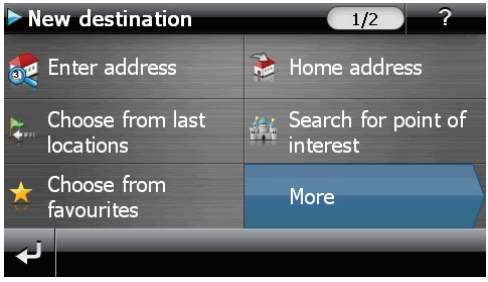
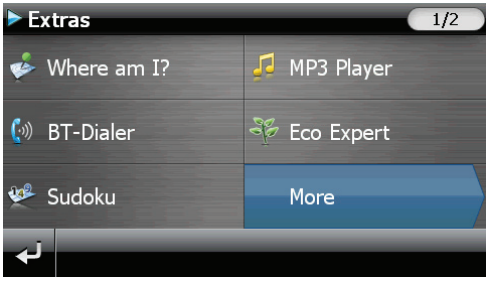
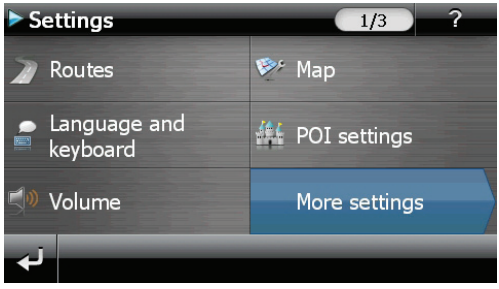


- You will have various possibilities of establishing your route and starting the navigation by means of the New destination icon:



5.3.1. Main Views

You will find an overview of the different main views of the Main menu here.

Button	Description	Main Screen
	Viewing maps	
	Navigation menu	
	Extras	
	Settings	

PLEASE NOTE!

You will not be able to select the Navigation menu or the settings if the navigation software does not find any map files in the device or on a memory device. Then the **Extras** menu will appear automatically.

Brief pressure on the on/off button will be enough to switch the device on or off, provided that your navigation system is connected to an external source of electricity or is running in battery operation (standby mode).

You can adjust the period of operation to suit your needs using the **Settings** button on the main screen of your device. Your device is delivered in a status in which it will not switch off independently.

Press and hold the On/Off key, to completely switch off the device.

No data will be lost as data is stored in the internal memory. The starting process will only last slightly longer.

Your navigation system will use a low amount of electricity and the batteries will be discharged, even when in standby mode.

The final installation of the navigation software will take place automatically from the internal memory, during the initial set up, if your device has already been equipped with the basic data of the navigation software at the factory. Follow the instructions on the screen.

An optional memory card must always be inserted in the device while the navigation system is being used.

It will be necessary to carry out a Reset to restart the navigation system if the memory card has been removed (see page 27).

Please also read the chapter **Navigation** starting on page 28.

6. General Operating Instructions

6.1. Switching on/off the Device

Your device will be in its normal operating state after the initial set up. You can activate and deactivate your device with the On-/Off switch.

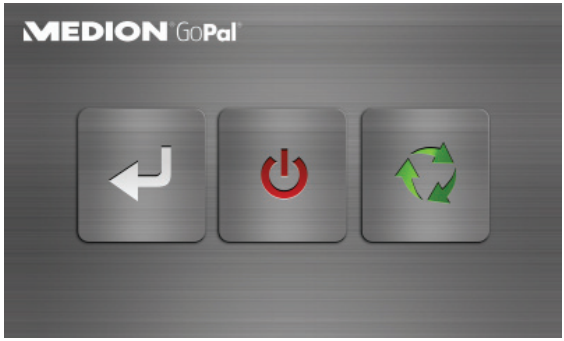
- To start your navigation system press briefly the On-/Off switch.

PLEASE NOTE!

Your device is delivered in a status in which it will not switch off independently. You can adjust the period of operation to suit your needs using the **Settings** button on the main screen of your device.

Your navigation system will use a low amount of electricity and the batteries will be discharged, even when it is in the standby mode.

- To switch off your navigation system briefly press the On-/Off switch .
  The following screen will appear:



You have three possible choices:

Button	Description
	Cancel/Back Return to previous view with this key, if you have accidently called up this screen.
	Standby Mode (Energy saving mode) The device will go into Standby Mode if this key is clicked.
	Reset You can carry out a reset by clicking this key.

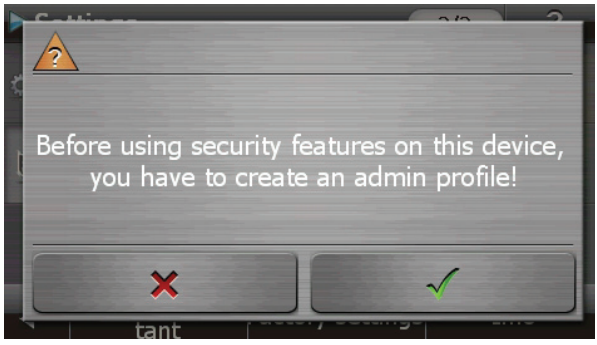
The device will go into the Standby mode automatically after a few seconds if you do not want to select any of these three possibilities.
For further settings within the Standby mode also see the chapter on “21. Special CleanUp Function”, page 64, point 8.
This display will also appear after the delay period of a few seconds has expired, if you have activated the DC AutoSuspend Comfort Function.

7. Security

You have the possibility of protecting your device against external access by means of this function. Some one-off settings will have to be made before you will be able to use this function. Proceed as follows to do this:

7.1. Storing the password and the information note

- Go to **Settings** and then to **Device settings** by means of the main display.
- Click on **Security**, in order to start the respective function. The following display will appear:



- Click on , in order to enter a password.
- A keyboard will appear. Enter a password with it.

PLEASE NOTE!
The password must consist of at least 4 symbols. Use a combination of letters (A – Z) and numbers (0 - 9). Keep the password in a safe place.

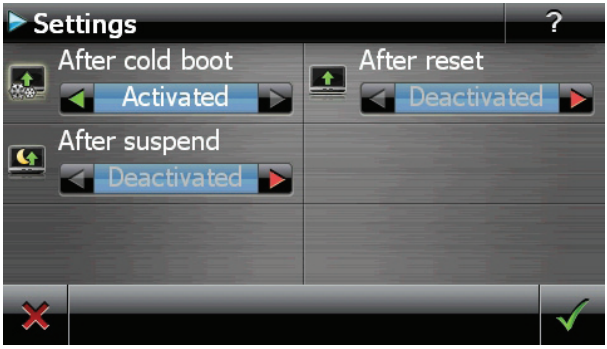
- Confirm the password with the symbol after you have entered it.
- Enter the password in the second field to reconfirm it and in order to avoid potential careless mistakes.

PLEASE NOTE!
The password will be displayed in the form of small stars (****).

- An additional text field will appear after you have entered the password. Enter an information note here that will serve as a support for remembering your password. You will be able to call up this information if you have forgotten or mislaid the password.

7.2. Making settings

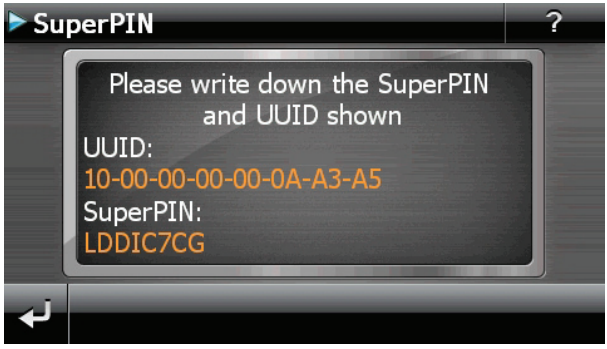
The following selection window, through which you will make the settings for the Security Function, will appear after you have entered the password and the information note successfully.



Button	Description
	Set here whether the device should request the password after a hard reset.
	Set here whether the device should request the password after a restart.
	Set here whether the device should request the password after the device has been switched on from the Standby mode.

7.3. SuperPIN and UUID

The SuperPIN and the UUID (**Universally Unique IDentifier** = definite device identification) will appear on the display after you have confirmed the settings.



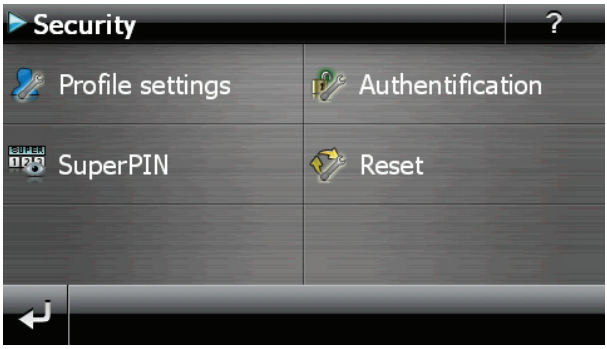
PLEASE NOTE!

Record this data in your Operating Instructions and keep them in a safe place.

You will need this information if you have entered the password incorrectly 3 times. The navigation device can then only be released with this information.

7.4. Making subsequent settings

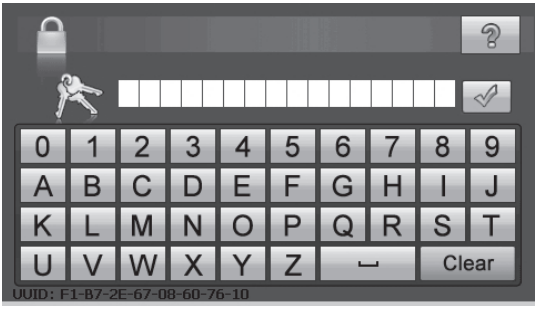
Start the Security Function if you have already entered a password and would like to make a subsequent setting or to change the password. The following display will appear:



Button	Description
Profile settings	Change the password or the information text
Authentification	Authentication settings (see page 23, Making settings)
SuperPIN	Display SuperPIN and UUID (see page 24)
Reset	Reverses the complete security function. All security settings and passwords will have been deleted after this function has been carried out. You will have to enter and confirm your password again to be able to carry out the security function.

7.4.1. Password Request

A password request will appear at the restarting of the device, according to the setting, if you have established a password by means of the Security Function.



- Enter the password stored by you by means of the keyboard.

PLEASE NOTE!

The password will be displayed in the form of small stars (****).

- Click on the question symbol to have the information note displayed, if you have forgotten the password and need the Help setting.
- Click on ✔ to confirm the entry

PLEASE NOTE!

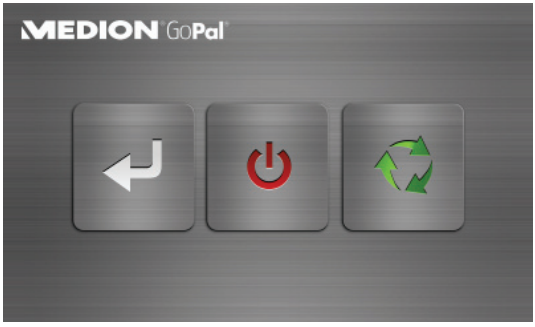
You will have to enter the SuperPIN if you have entered the password incorrectly 3 times. Contact your Service Center, giving the UUID, if you have also mislaid it. The UUID will be faded out in the lower dindet.

8. Resetting the Navigation System

You can reset your navigation system if it is no longer reacting or working properly. This option restarts the navigation system, without reinstallation being necessary. A reset is often used in order to reorganise the memory. In doing so all programs that are running are interrupted and the working memory is reinitialised.
You can carry out two different Reset procedures with your device.

8.1. Reset

The following screen will appear if you press the On/Off switch for a short time:



- If you want to carry out a Reset, tap on .

You will find further information in the chapter on "6.1. Switching on/off the Device", page 20.

8.2. Switching the Device off Completely / Hard Reset

ATTENION!
A hard reset will delete all data in the temporary memory.

Your navigation system will normally be in the Standby Mode, if you have switched it off by pressing the on/off button briefly. In addition, the system can be switched off completely; the consumption of energy can be kept as low as possible through this. All the data in the temporary memory will be lost if the device is switched off completely (hard reset). To switch your navigation system off completely:

- Press and **hold** the **On/Off key (approx 3 sec.),** to switch off the device.
- Press and **hold** the **On/Off key (approx. 1 sec.),** to switch the device on again.

A reinstallation will not be necessary after a hard reset if your device has already been equipped with the basic data of the navigation software in the permanent memory.

9. Navigation

The bundled product CD/DVD contains a comprehensive instruction manual.

9.1. Safety Instructions for Navigation

- Do not adjust or configure the navigation system whilst driving, this is to protect yourself and others from accidents!
- In the event that you do not understand the voice instruction or if you are in any doubt about what to do at the next intersection, then the map or arrow displayed on the screen will provide you with a quick orientation. Only look at the display when it is safe to do so and driving conditions allow!

PLEASE NOTE!

The use of devices that warn for traffic monitoring systems (like „speed traps") is prohibited in some countries, like Germany, Ireland and Switzerland. Please obtain information about the legal situation and apply the waning function only where allowed. We cannot be held liable for damages caused by the use of the warning function.

ATTENTION!

The road layout and driving rules take precedence over the instructions of the navigation system. Only follow the instructions when circumstances and driving rules permit it! The navigation system will guide you to your destination even when you have to deviate from your planned route.

- The direction statements of the navigation system given do not release the driver of the vehicle from his or her duty of care or personal responsibility.
- Plan routes before you leave. If you want to plan a new route whilst on the road pull over and stop driving.
- In order to receive the GPS signal correctly, keep away from metal objects as they may hinder reception. Attach the navigation system onto the inside of the windscreen or near the windscreen with the suction cup. Try out different positions in your vehicle in order to find the best reception.

9.1.1. Notes for Use in a Vehicle

- Take care that the holder does not present any risk to safety, even in the case of an accident, when installing it.
- Take care that the cable does not impede any safety components.
- The display of your navigation system may show "light reflections". Please take care of not being "blinded" during operation.
- Do not mount the components within the operating range of any airbags.
- Check the secure adherence of the suction cup at regular intervals.
- The power plug will consume power, even if no device is connected. Remove it when not in use to avoid draining the car battery.
- Check all safety equipment in your car after installation.

PLEASE NOTE!

Do not leave your navigation software in the vehicle when you leave it unattended. You should also uninstall the holder for security reaso.

9.2. Aerial Orientation

The aerial must have unrestricted access to the sky to receive GPS satellite signals. Place the aerial as horizontally as possible for this reason. Try out aerial and installation possibilities in the vehicle if the reception is inadequate.

9.3. Mounting the Car Holder

CAUTION!
Only fix the holder for the navigation system to the windscreen, if it does not impede the view. Only use the car holder with the navigation device inserted in order to prevent hazards.

(similar picture)

PLEASE NOTE!
Your navigation device can also be equipped with a different but similar vehicle attachment as an alternative, according to the version.

- Clean the windscreen thoroughly with a glass cleaner. Warm the disk and the nipple slightly at temperatures below 15° C.
- Place the holder with the suction head directly onto the wind screen and press the lever on the suction head downwards. The sucker will attach itself to the background firmly.

9.4. Attaching the Navigation System

- Connect the car adapter and, if necessary, insert the memory card.
- Place the device below in the centre of the holder.
- Press it gently **backwards** until it engages audibly.

(similar picture)

- Now you will be able to place the complete unit on the cleaned windscreen or the suction.

9.5. Connecting the Car Adapter

- Plug the jack of the connection cable into the corresponding receptor of your navigation system.

- Insert the power adapter into the cigar lighter socket ensuring, that it will not lose contact while driving. This could cause a malfunction.

PLEASE NOTE!

Remove the power adapter from the cigarette lighter socket when ending a trip or when parking the car for a extended period of time. Otherwise the car battery could be drained. In this case use the power switch to turn off the navigation system. The car adapter has got an integrated TMC antenna within the cable. TMC can only be received, if the car adapter is connected.

9.6. Starting the Navigation Software

PLEASE NOTE!

Your memory card will always have to be inserted into the device during the use of the navigation system, if the card contains (additional) mapping material. It will be necessary to carry out a reset to restart the navigation system if the memory card has been removed while the system was being used (see page 27). According to the navigation system the reset is carried out automaticall.

- Switch on your navigation system.
- The Navigation software will start automatically or after tapping on the navigation control button on the main screen, according to the version.
- Tap on

on the screen for entering the destination. Enter the destination address. Confirm your entry by clicking the ✓ symbol to start the navigation. After a short time, if the satellite reception is adequate you will receive augmented language statem.

Further information regarding the navigation software can be found in the **comprehensive manual on your navigation CD/DVD**. This is a pdf-file you can read and print with Acrobat Reader.

PLEASE NOTE!

The GPS-receiver will require some minutes for initialisation when deployed for the first time. Even when GPS signal reception is indicated the navigation could be imprecise. In all future instances it will take about 30-60 seconds until a correct GPS-signal is available, sufficient “sight” of the satellite is a prerequisite.

10. Warning Function for Traffic Monitoring Points (optional)

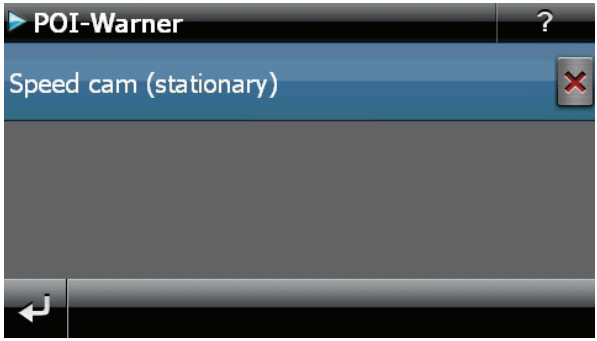
The following display will appear if the warning function for traffic monitoring points has been installed:

Confirm with ✓, if you want to use navigation with the warning function for traffic monitoring points.

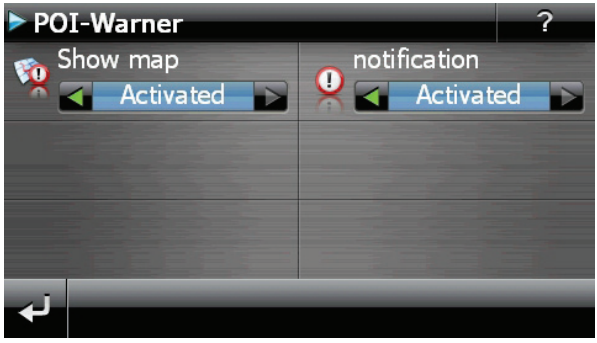
Tap on the **Configure special functions** interface in the **Settings** Menu, in order to configure the warning function.

The following screen appears. Tap on **POI-Warner**:

Tap on **Speed cam (stationary)** here, in order to make the settings for the 'radar fixes':



Here, you have the option of having the traffic monitoring points represented on a map or faded out. You can also set whether you would like to be informed by acoustic signals before reaching a traffic monitoring point.



Acoustic information about a traffic monitoring point will be given by a warning sound approx. 15 seconds before it is reached. Then, another double warning sound will be given approx. 7 seconds before it is reached. Four warning sounds will give information that the speed is too high. In addition, the distance to a monitoring point will be indicated by a bar indicating closeness (left lower edge of the display). Sample view if map presentation has been activated:

PLEASE NOTE!

Please pay attention to the fact that traffic monitoring points are not preset in all countries.

The use of devices that warn about traffic monitoring systems (like “speed traps”) is prohibited in some countries, i. e. Germany, Ireland and Switzerland. Please obtain information about the legal situation and apply the warning function only where allowed. We cannot be held liable for damages caused by the warning function.

11. Speech Commands (optional)

The Speech Entry mode can be activated by means of the function during navigation. A short information sound will indicate that the navigation system is ready for the speech entry.

Explanation of the symbol:

- ( ) optional words;
- [ ] Fillers
- „|“Alternatives;
- < > Content displayed can be spoken

The following commands will be possible here according to the current view:

PLEASE NOTE!

Speak the commands loudly and clearly in the direction of the navigation system. No incidental noises (radio, ventilation or loud conversation) should arise during the speech entry.

Aside from the commands listed below, you can also use those words printed in the speech bubbles for operating the device using voice control.

Range of validity	Command
Always applicable	abort | cancel | stop back | go back | reverse help
General	Please enter the desired address in the order town, street, and house number. You can also enter only a town or a town and a street. change country | enter country | correct country | other country
Global commands	Help (general | global) (Help| Commands) (cancel | abort) [dialog] [go] (back | backwards) (enter | select) [a] new target destination | [a] [new] target destination | (enter | select) target destination| new address [show] map [view] Menu | Main menu | Navigation menu volume settings | [set |change] volume decrease volume increase volume mute volume | shut up unmute volume

Range of validity	Command
List commands	next page | scroll down previous page | scroll up
Main menu	[enter] new destination | Enter address [show] map [view] settings (other | additional) (applications) | additional applications | extras
Current route / Route information/ Overview map	directions| route description routes | route options | route settings | Routes (traffic [jam] | congestion) (information | situation | info | conditions) Traffic conditions current position destination [area] overview Start point | Start | Starting point
Volume settings	(Volume click sounds | (lower | reduce) (keyboard click | click) [volume]) (down) (Volume click sounds | (increase | raise) (keyboard click | click) [volume]) (up) (MP3 Player volume | (lower | reduce) (M P 3 | music | media player) [volume]) (down) (Volume click sounds | (increase | raise) (M P 3 | music | media player | multimedia) [volume]) (up) (Voice volume | [decrease] speech [volume]) (down) (Voice volume | [increase] speech [volume]) (up)

Range of validity	Command
Map	[display|show] (compass [view] | G P S view) no map | map off | (switch off | hide) map three dimensional) [view | map | perspective] [display|show] (turn icons | arrow | arrow view | direction changes) [display|show] (2 D | two dimensional) [view | map | perspective] [display|show] [view|orientation] [in] (direction of (travel | motion) | driving direction) Map optimised | optimise map| map orientation optimised | orientation optimised [display|show] [map] (oriented north | northern orientation) Centre [View | Map | Map view] | centre [[the] map] zoom in zoom out Menu | Main menu | Navigation menu [menu] current route

12. Bluetooth (optional)

The Bluetooth technology serves to bridge short distances wirelessly. Bluetooth devices transmit data wirelessly, so that other devices that also support this technology can communicate with each other without cables.
Both devices will have to be adjusted to each other (pairing), before you will be able to use your navigation system as handsfree equipment with your Bluetooth mobile phone.

PLEASE NOTE!
Please read how you switch on the Bluetooth function in the Operating Instructions of your mobile phone.

12.1. Starting the Bluetooth Application

- Tap on **Bluetooth Dialer**.

PLEASE NOTE!
The function for active use will have to be reactivated first if Bluetooth has been deactivated manually.

- Now the main Bluetooth screen will appear on your navigation device.

12.2. Overview of the Main Screen

Button	Name	Description
Call log	Course of call	Displays the course of calls put through and received.
Message	News	View the postbox of your mobile phone through this symbol. You will be able to receive, write and send messages.
Contacts	Telephone Book	Call the contacts stored in the mobile phone through this symbol. The support of this function depends on the respective mobile.

Button	Name	Description	
	Back	Previous Page of the main display.	
	Delete	Delete the number entered by means of the keyboard with this field.	
	Calling	Select the number entered by means of the keyboard with this field.	
	Keypad	Enter the digits of the telephone number to be called by means of the keyboard.	
	Volume	Set the volume of the microphone and the loudspeaker by means of this symbol.	
Settings	Settings of the handsfree facility		New message – Options for displaying new messages
			Pairing – Link the navigation device to the mobile
			Settings for automatic synchronization between the navigation device and the mobile phone
			Bluetooth – Activate or deactivate the Bluetooth function
			Call announcement – Switch on and off for the announcement of the telephone number / contact in the case of incoming calls
			Setting of the basic volume of the microphone and the loudspeaker.

12.3. Pairing the Navigation Device and the Mobile Phone

PLEASE NOTE!

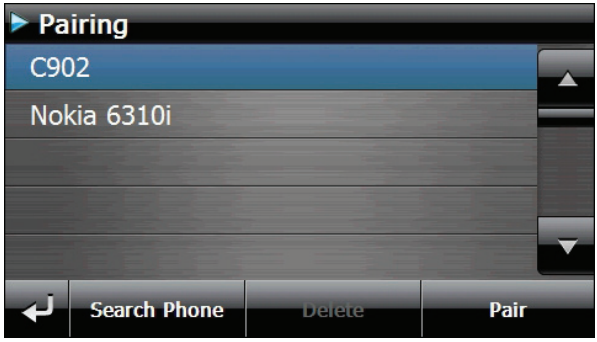
Your navigation device will search for a device in the case of a connection to the remote loudspeaker in principle. The range of functions of the hands-free loudspeaker can be restricted according the type of the mobile.

- Activate the Bluetooth function on your mobile phone.

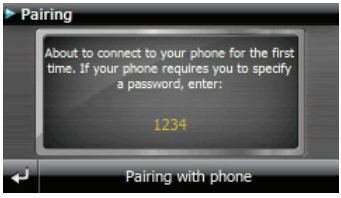
PLEASE NOTE!

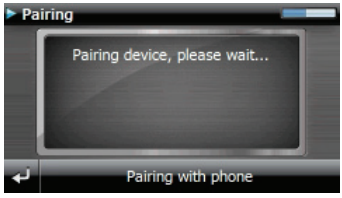
Each mobile phone uses different paths to do this. Read the instructions of your mobile phone under all circumstances for this reason.

- Select the option (Pairing). The search for a blue-tooth device will start automatically during the first setting up of the device.
- You will start the search again with 'Search for mobile'.
- Select the corresponding mobile phone from the list.



- Tap on the Pair switch and then on the Couple with mobile switch to confirm.





- Your mobile phone will recognize the navigation device. You will be requested to enter a 4-digit PIN code. This is 1 2 3 4 for your navigation device.
- Then, the connection must be accepted by one or several confirmation messages on your mobile. The loudspeaker will be available to you through the navigation system after this.

PLEASE NOTE!
This procedure will have to be repeated as soon as you have switched off the navigation system or a spatial separation between your mobile phone and the navigation device arises.

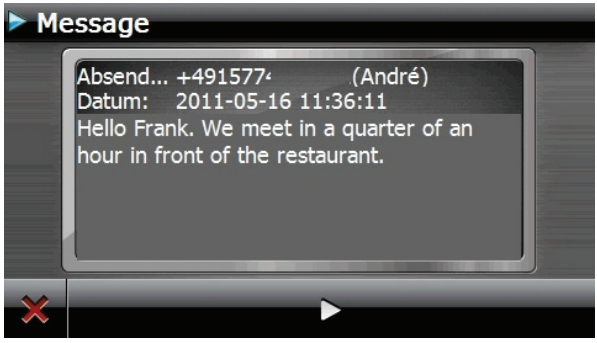
12.4. Accepting incoming calls

Button	Description
	Accept calls
	Reject/terminate calls

12.5. Making Calls

- Tap on the keypad in the main Bluetooth screen and enter the number that you wish to call.
- Start the call with .

12.6. Show and Read Out Incoming Messages



You will be able to read incoming messages or also to have them read out in addition, if your mobile supports these functions.

- Activate the Show and read out option under Settings > Message for this.
- The telephone number or the contact from the Phone Book will be read out initially in the case of an incoming message.
- Then you will be able to return to the previous view by means of or to have the message read out by tapping on the field.

ATTENTION!

The street management and the traffic regulations have priority over the instructions from the navigation system. Only follow the instructions if the circumstances and the traffic regulations permit it.

Pay attention to the safety warnings and the regulations of the respective country with regard to the use of mobiles when driving.

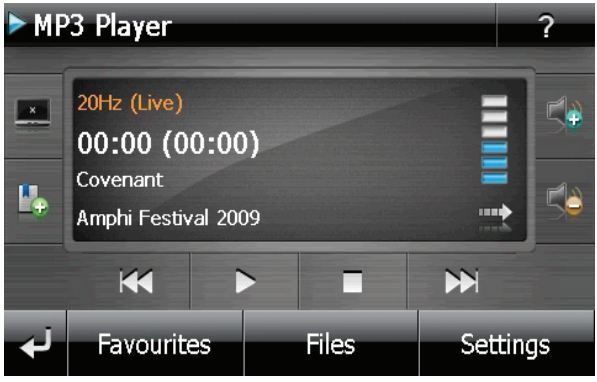
12.7. During a Call

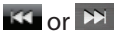
Button	Description
	End call
	Mute for microphone and volume settings
	Return the conversation to your mobile

13. MP3 Player (optional)

Depending on the software equipment your navigation system is equipped with a MP3 Player. Start the MP3 player from the menu **Extras** by tapping the MP3 Player switch area. All the MP3 files located on a memory card can be taken into a List of Favourites and will be available for replay. (The memory card must not be write-protected in this case.)

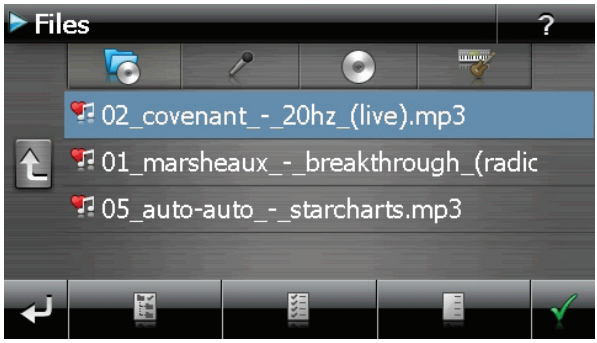
13.1. Overview of the Main Screen



Button	Description
	Reduces the screen brightness to a minimum, to save electricity.
	Determine/add bookmarks.
or	Increase or decrease the volume. The display in the upper right corner of the screen will show the current level of the volume.
	Break off action / back to the previous menu
 or	Move to the previous or next file. It will be possible to skip backwards or forwards within the title playing while it is being played.
	Play the playback.
	Stop the playback.
Favourites	Opens the List of Favourites.
Files	Displays the files stored on the flash disk and/or on the memory card.
Settings	You will make the settings of the MP3 player here.

13.2. Select a Title and Move it into the List of Favourites

Tap on and select the title that you would like to move into the List of Favourites, in order to select a title.



You will have three possibilities of marking the title here:

- Tap on in order to mark all the titles, including all sub-directories.
- Tap on in order to mark all titles currently in view.
- Tap on to delete all marks within a directory.

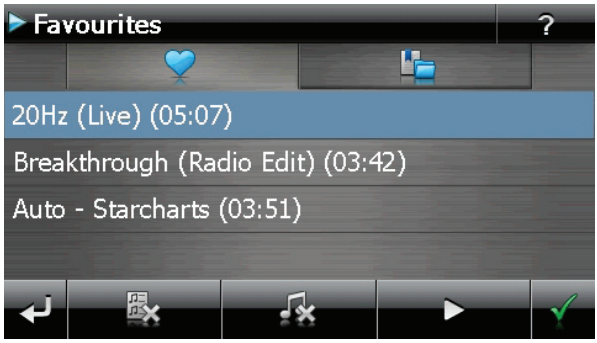
The selected titles will be indicated by a .

- Tap on , in order to confirm your selection. The titles marked will not be moved into the List of Favourites **until then**.
- Tap the file required and select the requisite title, in order to select a title in the sub-directories.

The symbol will be shown if not all the titles in a directory have not been selected.

13.2.1. List of Favourites

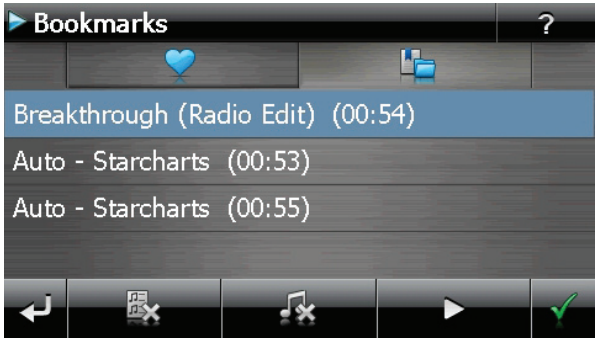
You will reach the List of Favourites by tapping on the :



- You will delete all titles with .
- You will delete individual titles with .
- Confirm with , in order to take over the new selection into the List of Favourites.

13.3. List of the established bookmarks

You will reach the list of the established bookmarks by clicking on the symbol:



- You will delete all bookmarks with the symbol.
- You will delete an individual bookmark with the symbol.

Operation with the symbol to take over a new selection into the list of bookmarks.

14. Picture Viewer (optional)

Depending on the software equipment your navigation system is equipped with a **Picture Viewer**.

You can view the jpg format images on your memory card on your navigation system, with the **Picture Viewer**. All the images on the memory card will be available immediately.

14.1. Operating the Picture Viewer

- Start the Picture Viewer from the menu **Extras** by tapping on the **Picture Viewer** button. Alternatively, the Picture Viewer can also be started from the navigation software itself.

14.2. Main Screen

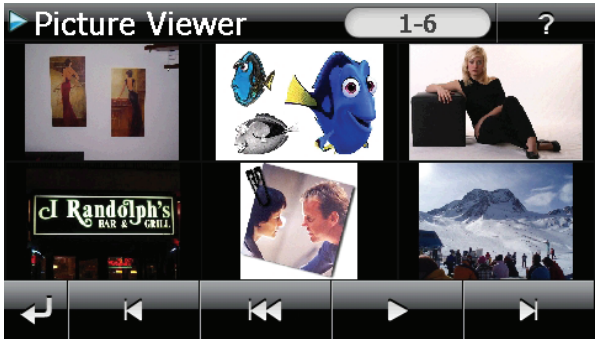


Fig.: Miniature view

- Move the miniature view to the left or to the right with the **arrow keys**. Tap on a specific images to display it in the Full Image Mode.
- Return to the start in miniature view by tapping on .
- You can end the application by tapping on the symbol.
- Start the **slide show** by tapping the symbol.

14.2.1. Full Image View

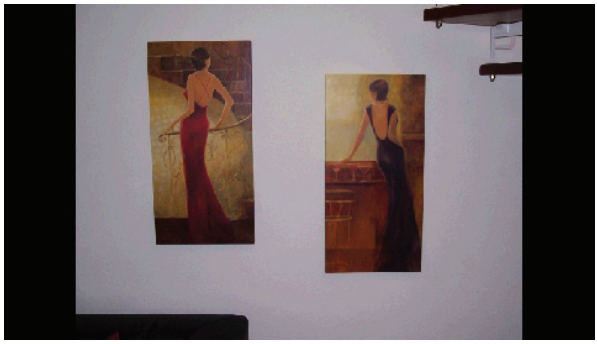


Fig.: Full image view without service strip

- Tap in the **lower** area of the screen in the full image view, in order to activate the **service strip**:

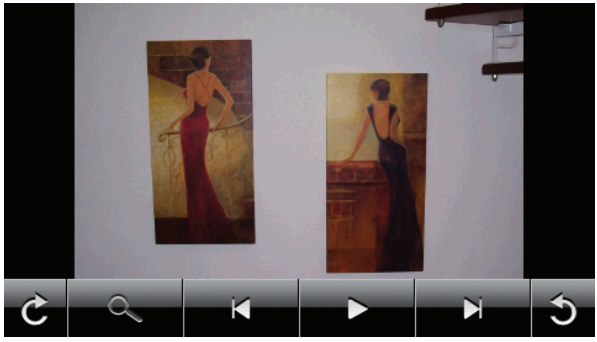


Fig.: Full image view with service strip

Button	Description
	Turn it clockwise by 90° in stages
	Fade in grid
	Previous picture
	Start the slide show Pause the slide show
	Next picture
	Turn it counter-clockwise by 90° in stages

- You will return to the miniature view by tapping in the centre of the image.
- The image displayed will be subdivided into 6 fields by tapping on the symbol (fade in grid).

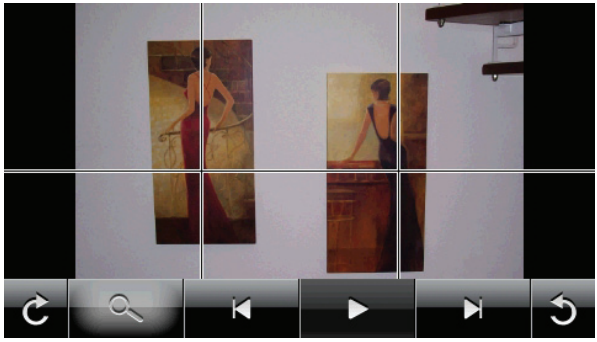


Fig.: Full image mode with grid

- Tap on a square in the grid to zoom in on that area of the picture:

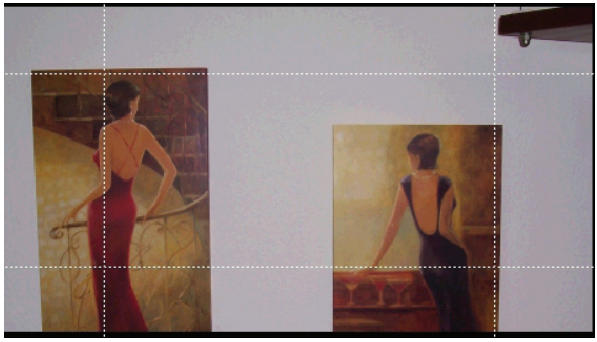


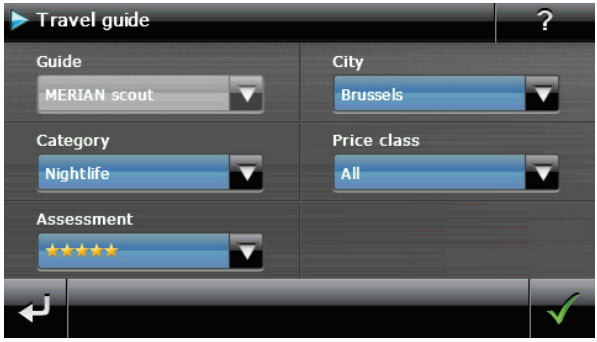
Fig.: Zoom-in Mode

- Tap on the centre of the image to go back to viewing the full picture.

15. Travel Guide (optional)

Depending on the software equipment your navigation system is equipped with a Travel Guide. The Travel Guide will supply general information about the different areas of individual towns and cities or regions in Europe, such as sights, restaurants, culture and travel information. Start the Travel Guide from the menu **Extras** by tapping on the **Travel Guide** button.

15.1. Overwiev of the Main Screen



Select initially the **Country** through the **Place** and then **Category**, if you want to find any information. Then select the category, for example. You will be able to filter the search results by entering a **Price class** and/or an **Assessment**, if required.

Fig. 1

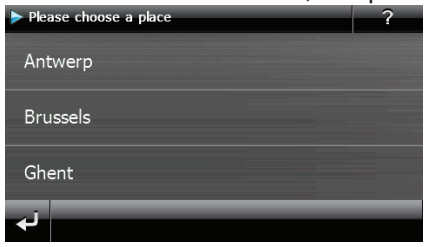


Fig. 2

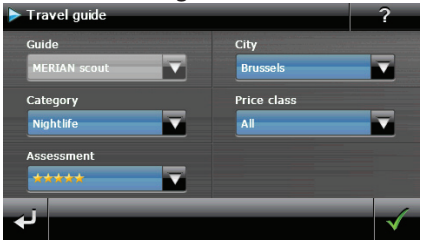


Fig. 3

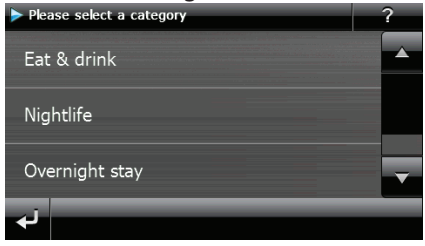


Fig. 4

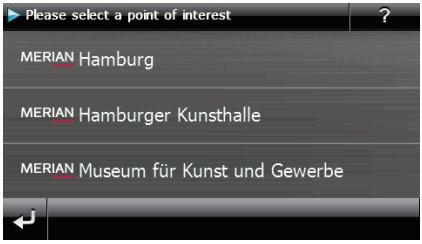


Fig. 5

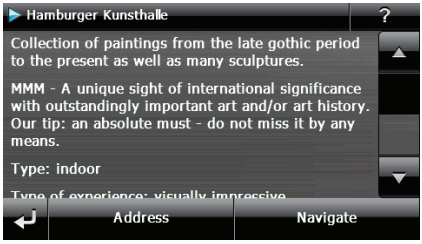


Fig. 6

Fig. 7

- Confirm with **Navigate**, if you want to navigate to the destination displayed. The address will then be available to the navigation software as the destination.

Button	Description
	Previous image
Address	Shows the address of the selected category
Pictures	Shows the available images in the selected category.
Navigate	Tap on this control button to navigate directly to the selected address.

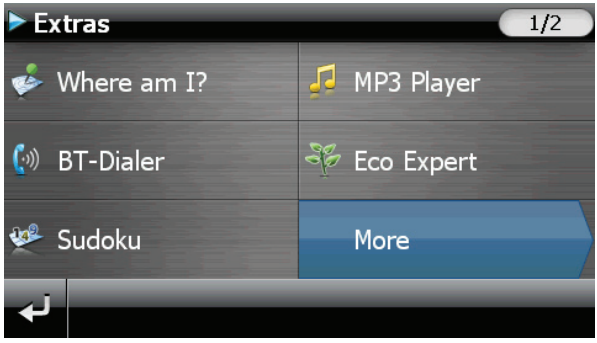
PLEASE NOTE!

The possible selections within the Travel Guide can vary according to the software available.

16. Where am I? (optional)

About the **Where am I?** function Receive information about your current location, insofar as a GPS signal is available.

- Tap in **Extras** one **Where am I?**

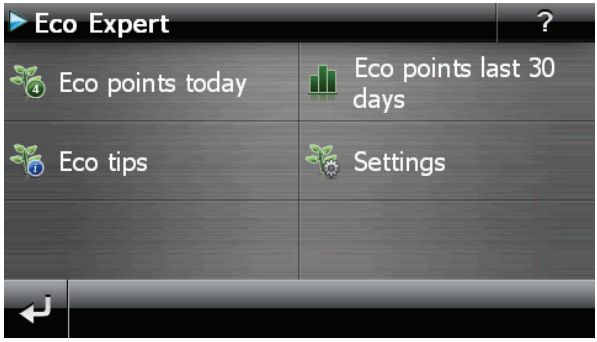


- In order to add the current location to your favourites, tap on **Save current position**.

17. Eco Expert (optional)

This function provides you with information about the environmental impact of your driving style using a points system and contains tips for environmentally friendly driving behaviour (Eco tips).

17.1. Overwiev of the Main Screen



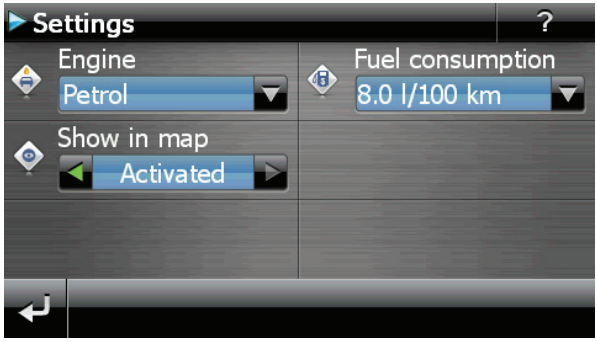
- Tap in **Extras** on **Eco Expert**.

You will find a current overview under **Eco points today**. The points mean:

Low points score	Non-environmentally friendly driving behaviour
High points score	Environmentally friendly driving behaviour

You can reset the points score at any time by tapping on the **Reset points** button.

- You can display the statistics for the last 30 days via the option **Eco points last 30 days**.
- Tap on **Settings** on the main screen to amend the various settings options:



18. Alarm Clock (waking function) (optional)

Depending on the software equipment your navigation system is equipped with a Alarm Clock/waking function.

Start this function from the menu **Extras** by tapping on the **Alarm Clock button**.

The waking function can work when the device is switched off (Standby Mode / Power Saving Mode) as well as a reminder during the current navigation.

18.1. Overview of the Main Screen

This view will appear if you have not yet set up a waking time. Enter an alarm time in the **24-hour format** and confirm your entry with ✓.

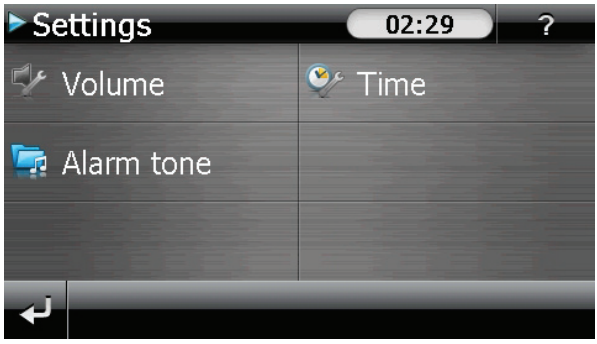
18.2. Description of the Interfaces

Button	Description
20:32	Current system time
Settings	Setting-up mode (Setting volumes, system time and alarm)
	Night mode (Standby mode)
	Reset/deactivate the waking function
	Setting the alarm time
	Delete the entry
	Confirmation interface
	Increase the volume / Reduce the volume
	Back to the previous menu /close the application

18.2.1. Setting the System Time

The display of the current time will be located in the upper right corner of the screen. You can adjust it as follows:

- Tap on Settings in the main screen. The following screen will appear:



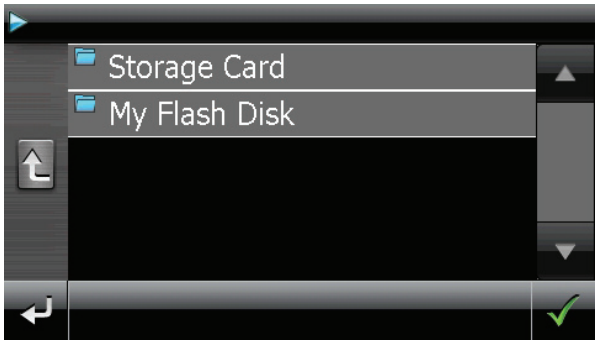
- Tap on to change the time setting:

PLEASE NOTE!

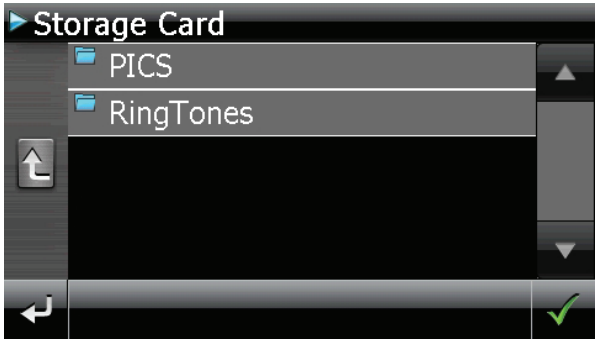
The system time is updated by GPS reception. Pay attention to the time zone settings.

18.3. Selecting an Alarm Signal

- To select an alarm signal touch the symbol.



- Select the desired alarm sound and confirm the selection with .
- Tap on the corresponding file in the Memory Card directory if you would like to select an alarm tone from the storage card and confirm again with .



- Select the desired alarm sound and confirm with .

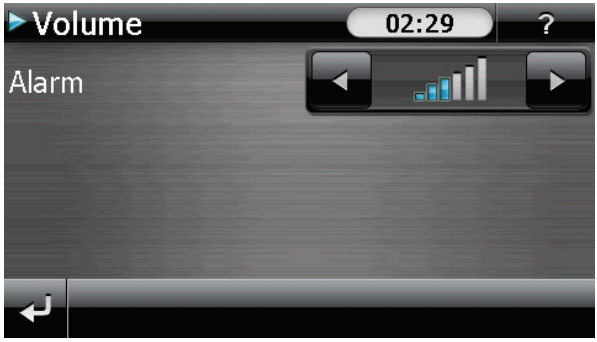
- The selected alarm signal is marked by a .
- Close the application with .

18.4. Setting the Volume

You can adjust the volume of the alarm signal by tapping on the interface.

PLEASE NOTE!

The volume configured here only relates to the alarm signal and will not change the volume of the language output of the navigation system or other functions of the system.



18.5. Snooze Function

You will have the possibility of making the waking signal repeat **at regular intervals** by means of the Snooze function, once it has sounded at the alarm time set.

- Tap on to activate the Snooze function.

- End the snooze function in order to be woken again on the following day at the set time. Exit the alarm display by clicking on . You will then be returned to the view shown before the display for the alarm time setting.

18.5.1. Ending the Alarm Clock Application

- Tap on to deactivate the alarm time set.
- You will find yourself in the Setting-up mode.
- Tap on in order to leave the application. An alarm time is not set.

19. Sudoku (optional)

Depending on the software equipment your navigation system is equipped with the game Sudoku.

Start the game from the menu **Extras** by tapping on the **Sudoku** switch field.

Sudoku is a number puzzle. The puzzle area is square and subdivided into nine sections. Each section consists of 9 smaller squares.

When playing Sudoku, the aim is to fill all the 81 number fields using the numbers 1-9. Each number must only appear once in each section at the same time. Each number must only appear once in each row and column.

Some number fields will already have been populated prior to the start of the game.

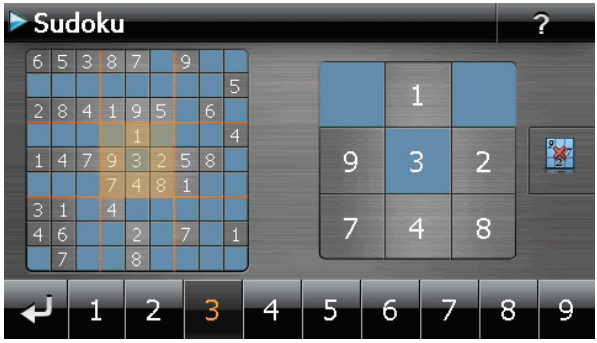
19.1. Main Screen

19.2. Description of the Switch Fields

Button	Description
	Start the game
	You will receive notes about a solution by tapping on this control button. Tap on the control button again to hide the notes about a solution.
	You will receive the solutions of the number fields by tapping on this control button. Tap on the control button again to hide the solutions.
	A new Sudoku will be opened by tapping on this control button.

Button	Description
Settings	**Settings** You have the following possibilities in the Settings menu: The current game will be stored by tapping on this control button. You will load a game that you have started onto the screen by tapping on this control button. Delete Delete a stored game status. You can set the level of difficulty here. Back to the current game.

19.3. Overview of the Game Field



19.3.1. Description of the Control Buttons

Button	Description
	Strip of numbers to be entered Strip for the selection of the numbers to be entered in the number fields. The selected number will stand out and it will now be possible to enter it into a number field.
	Entry mode First, tap on the number in the strip of numbers to be entered that should appear in particular number field and then on the corresponding number field.
	Deletion mode Tap on the number to be deleted.
	Leave the application by means of this.

20. Traffic Rules Europe

You will receive a range of basic information about the traffic regulations of the respective country and its emergency numbers by means of the Traffic rules Europe switch in the Extras menu.

Select the required country to have the information displayed to you (all information without liability).

21. Special CleanUp Function

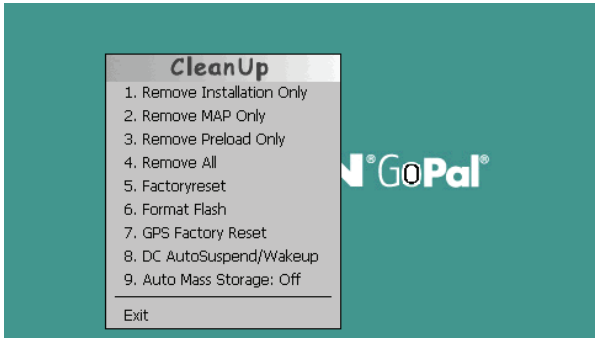
The CleanUp function serves the targeted deletion of data, without using a PC.

PLEASE NOTE!

Please use this function very carefully, because it is possible for data to be deleted that can only be entered again manually afterward.

The CleanUp function is activated when the 'o' is pressed in the Gopal lettering of the Main Menu, immediately after the start tone following a reset.

The CleanUp function offers different options:



1. Remove Installation Only

Removes the software installed from the '**My Flash Disk'** memory [= part of the permanent memory in which the executable parts of the navigation software will be located following the initial alignment (\My Flash Disk\ Navigation)].

2. Remove MAP Only

Removes the digital maps from the '**My Flash Disk'** memory (\My Flash Disk\ MapRegions).

3. Remove Preload Only

Removes the data needed for the installation of the navigation software from the permanent memory (\My Flash Disk\Install).

4. Remove All

Deletes the whole contents of the '**My Flash Disk'** memory. It will not be necessary to recalibrate the screen after this function has been carried out.

5. Factoryreset

Sets the device back to the delivery status in the case of an intact main installation.

6. Format Flash

Formats the internal '**My Flash Disk**' memory. This formatting can be necessary in the case of a prolonged removal of errors. It will be necessary to recalibrate the screen after the formatting function has been carried out. All data will be deleted from the internal '**My Flash Disk**' memory irrevocably.

7. GPS Factory Reset

Performs a factory reset of the GPS receiver. When using the GPS function after having performed a factory reset, the GPS receiver must orientate itself again. This process may take a while.

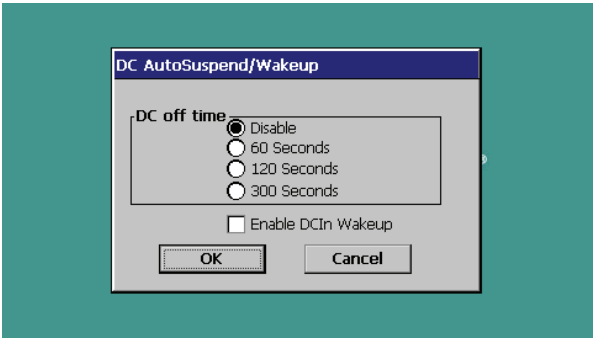
8. DC AutoSuspend/Wakeup

You can select here when your navigation system should go into Standby mode automatically after the withdrawal of the external power supply. For example, this function is useful in the case of vehicles where the cigarette lighter also switches off when the ignition is switched off.

The AutoSuspend function will be activated several seconds after the discontinuation of the external power supply and the Standby display will appear for the time set.

The DC AutoSuspend function will be deactivated again if the power has been reconnected within the total period (in the case that the engine has been switched off for a short time, for example). Otherwise, the navigation system will go into the Standby mode after the expiry of the time set.

Set the required time by clicking on it and confirm your selection with **OK**.



PLEASE NOTE!

This function is deactivated and can be set individually in the status at delivery and after a hard reset.

9. Auto Mass Storage

Here you can control the behaviour of your device when connected to a USB port. In the setting Auto Mass Storage: Off - You can select between mass storage and ActiveSync® modes. In Auto Mass Storage: On - Your device will automatically be set to the mass storage mode.

Exit

Leaving the CleanUp function and restarting the device (like reset.

PLEASE NOTE!

The deletion of the data must be confirmed before the action actually takes place. To do this, press on **YES**.

Please read the chapter on "25.3.3. Transferring Installation Files and Map Material to the Internal Memory", page 74, in order to recreate the files (installation files and map material) in the internal memory.

22. Synchronisation with the PC

22.1. Installing Microsoft® ActiveSync®

In order to transfer data between your PC and your navigation system you need the Microsoft® ActiveSync® program.

The cost of the navigation system includes a license for this program which can be found on the CD/DVD.

PLEASE NOTE!

You will not need the ActiveSync® communications software, if you are a user of the Windows Vista® / Windows® 7 / Windows® 8 operating system. The system files necessary for the simple data transfer are already integrated into your operating system.

Please connect your device to your PC with the aid of the USB synchronisation cable. Once a new device has been found, the required driver will be automatically installed. After successful installation, your device will be listed in Windows Explorer under the item "portable devices".

ATTENTION!

Important files can be overwritten or changed during the installation of software. You should create a hard disk backup, in order to be able to have access to the original files in the case of possible problems following the installation.

PLEASE NOTE!

You should not connect the navigation system to your computer yet.

- Insert the CD/DVD and wait until the program starts automatic.

PLEASE NOTE!
If it does not function, the Auto Run function is probably deactivated. The Setup program on the CD/DVD must be started, to start installation manually den.

- Choose the language, click then **Install ActiveSync®** and follow the instructions on the screen.

PLEASE NOTE!
When installing the GoPal Assistant, ActiveSync® will be installed automaticallliert.

22.2. Connecting with the PC

- Press the On/Off button to start your navigation system.
- Connect the USB cable to your navigation system.
- Push the USB connector into a free USB port on your computer.
- The following screen will appear after the navigation system has been connected:

PLEASE NOTE!
The mass storage mode will be loaded automatically after a few seconds, if no mode has been selected.

- Select the desired mode:

22.2.1. Mass Storage mode

You will be able to use your navigation device as a detachable device (e.g. a USB stick) in the Mass Storage mode. Two drives, the internal memory of the navigation system itself and the (optional) memory card, if it has been inserted into the device, will be connected to do this.

PLEASE NOTE!

No further entries can be made on the device at the same time if you are in this mode. Use the 'Remove hardware safely' function of your operating system to protect yourself against data loss. Now, remove the cable from your navigation system.

The Hardware Installation Assistant will now recognize a new device and will install a suitable driver. This can take several minutes.

22.2.2. ActiveSync®-Mode

Repeat the attempt to connect, if it has failed the first time, if you have selected the **ActiveSync® mode**.

Follow the instructions on your screen. The program will now set up a partnership between your PC and navigation system.

PLEASE NOTE!

The navigation system *must* have been recognized when setting up the ActiveSync® mode, in order to be able to work with the GoPal.

22.2.3. Alternative possibility of charging the battery

The battery will charge as soon as you connect your navigation device to a switched-on PC or notebook by means of a USB cable.

No additional software or updates is required for your PC to perform this function. Do not interrupt the charging process if possible during the initial charge.

PLEASE NOTE!

The brightness will be adjusted downwards, if necessary, if a USB connection is being set up when the device is switched on.

It is recommended to set the device to the stand-by mode, in order to shorten the charging time by USB.

22.3. Working with Microsoft® ActiveSync®

ActiveSync® will be started automatically if you connect your navigation system to the PC. The program will check whether the device is one with which a partnership has been entered. If this is the case, the changes that have taken place on the PC and on the navigation system since the last synchronisation will be compared and adjusted to each other. You will be able to define exactly which data will have priority during the synchronisation in the settings of the ActiveSync® Program. Call up the Help of the Program (with the F1 Button), in order to become familiar with the effects of the respective settings. A restricted **Guest Access**, with which you will be able to exchange data, for example, will become active automatically if the navigation system has not been recognised as a partner. If this is the case, although the process concerns the registered partner device, separate your navigation system from the PC and switch it off and on again. Now connect your navigation system to the PC, to restart the recognition process. Repeat the process and, restart your PC in addition, if your device continues to be recognised as a guest.

PLEASE NOTE!

Make sure that you always connect your navigation system to your PC with the same USB connection, otherwise your PC will allocate an additional ID and reinstall the device.

23. GPS (Global Positioning System)

GPS is a satellite-backed system for determining your position. With the help of 24 satellites revolving around the earth, it is possible to determine your position on earth with the accuracy of a few meters. The satellite signals are received by the antenna of the built-in GPS receiver, which must have a "line of sight" to at least 4 of these.

PLEASE NOTE!

When the line of sight is interrupted (e.g. in tunnels, between houses, in woods or also in vehicles with metal-coated windows) it is not possible to determine the position. The satellite reception however automatically picks up again as soon as the obstacle has been passed and the line of sight is re-established. Moving slowly (e.g. slow walking) also limits the accuracy of the navigation.

The GPS receiver consumes additional power. This is especially of concern when running on batteries. To conserve power do not turn on the GPS receiver unnecessarily. Also terminate the navigation software if it is not needed or satellite reception is not possible for a longer period. You can also switch the device off by means of the On/Off switch if you experience a short interruption in your journey, pressing the same switch again will reactivate a restart. The GPS receiver will also be reactivated at the same time, if the navigation software is still active. There may be a delay for the position to be updated again, this is dependent on the reception situation.

PLEASE NOTE!

Please note that your appliance is preset to not shut down automatically after a few minutes without activity. You can change this preset in the Settings mode. If the GPS receiver has not been active for some hours, it must orientate itself again. This process may take a while.

24. TMC (Traffic Message Channel) (optional)

The Traffic Message Channel (TMC) is a digital radio data service that functions in a similar way to RDS and is used to transmit disruptions to traffic to a suitable reception device.

The user is less dependent on the half-hourly broadcast traffic information, because the signal is continuously transmitted. Apart from this, important information, as in the case of an accident in the road ahead, can be passed on immediately.

The transmission is planned for the whole of Europe and is already offered by radio transmitters in many countries. The precision of the TMC messages can deviate greatly according to the country.

PLEASE NOTE!

The car adapter has got an integrated TMC antenna within the cable. TMC can only be received, if the car adapter is connected.

24.1. Premium TMC (optional)

If your navigation system features premium TMC, you will obtain more accurate TMC information provided by NAVTEQ Traffic. Your MEDION GoPal utilizes this information at no extra cost. Depending on your configuration this premium TMC information is made available for the corresponding countries.

Standard TMC information is provided by police, automobile clubs and traffic reports, while premium TMC-services mainly rely on automatic traffic monitoring systems.

Sensors in highway bridges, sensing loops embedded in road surfaces and a large number of cars equipped with „Floating Car Data“ technology quickly generate precise and accurate views of the traffic situation on highways as well as predictions.

Your navigation system will support both services and is set for the reception of both of them in the status at delivery.

25. Working with Memory Cards

25.1. Inserting Memory Cards

- Carefully take the **optional** memory card out of its packing (if included). Take care not to touch or dirty the contacts.
- Insert the memory card carefully into the card bay with contacts pointing forward. The card must lock easily.

25.2. Removing Memory Cards

PLEASE NOTE!
Only remove the memory card if the navigation software has been closed and the device has been switched off by means of the On/Off button beforehand. Otherwise you will risk a loss of data.

- To remove the card press lightly onto the upper edge until it ejects.
- Pull the card out without touching the contacts.
- Store the memory card in the packaging or in another safe location.

PLEASE NOTE!
Memory cards are very fragile. Take care not to dirty the contacts and not to force the card.

25.2.1. Accessing Memory Cards

The appliance only supports memory cards in the FAT16/32 file format. If you insert a card prepared with a different format (e.g. in cameras, MP3 players), your navigation system may not recognise it and will ask you to format it again.

CAUTION!
Formatting the memory card irretrievably wipes out all data.

25.2.2. Data Exchange via Card Reader

If you wish to copy large quantities of data (MP3 files, navigation maps) to the memory card, these can also be stored directly to the memory card.
Many computers already have memory card devices. Insert the card into your computer and copy the data directly to the card.
Because of the direct access you can achieve a much higher transfer rate compared to using ActiveSync®.

25.3. Additional Card Material

Your navigation system is already equipped with digitalised map material in the internal memory and/or memory card at the factory. Depending on the configuration, additional maps may be included on your navigation CD/DVD. You will be able to transfer these cards to a memory card immediately. It is recommended that you use an external card reader (see also page 72). The GoPal Assistant supplied with the device enables a simple and individual compilation of the map material to be transferred.

Depending on the amount of map data on the navigation CD/DVD, memory cards with capacities of 256 MB, 512 MB, 1.024 MB or more may be required.

You can obtain additional memory cards in specialist stores.

25.3.1. Transfer of Card Material to a Memory Card

The transfer of additional card material to a memory card can take place through Explorer on your PC via the following steps:

- Insert the CD/DVD with the card material required.
- Start your workstation and select your CD/DVD Drive.
- Copy the file with the **.psf** ending out of the Directory of the region that you require to the **MapRegions** Directory on your memory card, from the CD/DVD.

You can transfer several files with map material to your memory card, depending on the capacity of the memory card.

If you have copied digitized maps of several countries or country groups onto your memory card, you will be required to select the desired map in the navigation application of your device.

25.3.2. Alternate Method of Installing Navigation Software (using a memory card)

The software for your navigation system can be installed directly from a memory card.

The pre-installed software may have to be uninstalled beforehand (see the chapter on "21. Special CleanUp Function", page 64).

You will be requested to install the navigation software during the initial adjustment. Please proceed as follows:

- Remove the memory card from the packaging carefully. Ensure the contacts are not touched or soiled.
- Push the memory card into the corresponding slot until it engages.
- Click on **OK**, in order to install the application.

The main screen, through which you will now be able to carry out the navigation settings, will appear after all data has been copied to your navigation system.

25.3.3. Transferring Installation Files and Map Material to the Internal Memory

PLEASE NOTE!
The navigation system must be connected to a computer by means of ActiveSync® for the transfer of the data.

Your device has an internal, permanent memory, which is located in the **\My Flash Disk** directory.
You will be able to make this directory, and others, visible with ActiveSync®, by means of the **Search** option. Directories and files can be manipulated as in Windows Explorer.
The required directory must have been stored, in order to make the installation files and the map material for the device available.
Deposit the **INSTALL** directory for the installation files at (\My Flash Disk\ INSTALL). Deposit the map material in the **MapRegions** directory (\My Flash Disk\ MapRegions). Please pay attention to the modes of lettering given above when naming the directories.
Pay attention to the fact that sufficient drive capacity must be available, if you have stored additional data on your navigation device. Remove files not needed if sufficient drive capacity is not available.

26. FAQ

Where can I find more information on the navigation system**?** Detailed operating instructions for navigation can be found on the corresponding CD/DVD, which accompany your navigation system. Also use the additional Help functions that are available with a single touch of a button (usually F1 on the PC), or by selecting the Help option, as additional assistance. These aids will be provided to you while you are using the computer or the device.

What do I need the accompanied CD/DVD for?

The CD/DVD contains:

- the ActiveSync® program for balancing data between the navigation system and the PC
- additional programs (optional)
- digital maps
- PC-application for rapidly resetting the data material
- manual of the navigation software

The navigation system is no longer responding. What should I do?

▶ Carry out a reset.

How can I adjust the lighting?

Under **Settings**.

27. Customer Service

27.1. Faults and Possible Causes

The navigation system no longer reacts or is behaving atypically.

- Carry out a reset.

The navigation system is recognised only as a guest by ActiveSync®.

- See information on page 66.

The GPS receiver cannot be initialised or found.

If a GPS signal continues not to be reported on the screen, in spite of the correct installation of the system, this can be caused by the following factors:
Sufficient satellite reception is not possible.
Solution:
Change the position of your navigation system and ensure that unrestricted "sight" of the aerial is not impaired.

No language statements can be heard.

- Check the volume setting.

CAUTION!

If, as a result of an unforeseeable combination of operating steps, faulty data transfer or electrostatic discharge the navigation system or the card reader can no longer be operated, switch off the navigation device completely (Hard Reset) and then subsequently place the device back into operation.

27.2. Additional Support

If the suggestions in the above section have not solved your problem, please contact our customer service hotline. However, before you contact your customer service hotline, please have the following information available:

- How is your navigation unit configured?
- What additional peripherals do you use?
- What messages, if any, appear on your screen?
- What software were you using when the error occurred?
- What steps have you already undertaken to solve the problem?

If you have been given a customer number previously, please give this number to the technician.

27.3. Transport

When transporting the appliance please follow the instructions below:

- After transporting the appliance wait until the unit has acclimatised and adjust to surrounding conditions (e.g. room temperature and humidity) prior to use. In the event of large fluctuations in temperature or humidity, condensation or moisture may form inside the appliance. This can cause an electrical short-circuit.
- In order to protect the appliance from dirt, knocks and scratching, please use an appropriate protective case.
- Before travelling ensure that you are aware of the power and communications provisions at your destination. Before travelling obtain any power or communications adapters that may be required for the operation of your device.
- When shipping your appliance we recommend using the original packaging. If the original packaging isn't available please contact customer service for advice.
- When passing through baggage control at airports, it is recommended that you pass the appliance and all magnetic storage media (external hard drives) through the X-ray system (the machine on which your bags are placed). Avoid the magnetic detector (the structure through which you yourself pass) or the magnetic wand (the hand device that the security staff use), since this may corrupt your data.

28. Recycling and Disposal

The device and its packaging are recyclable.

Packging

To avoid damage during transport, the appliance was supplied in protective packaging. The majority of packaging is manufactured from materials which can be disposed of in an environmentally friendly manner and be recycled professionally.

Device

The device is fitted with an integrated battery. At the end of its operating life, do not dispose of the device with your ordinary household rubbish. Consult your local authority to find out about collection centres for environmentally sound disposal of electrical and electronic scrap.

29. Specifications

Parameter	Information	
Power supply Power supply cable for a cigarette lighter	**Mitac CA-052-00U-00** **Input:** 12-24V DC ⎓ 1300 mA **Fuse**: F2AL/250V **Output:** 5V ⎓ 2A (max.)	
Battery	Li-Ion, 3.7 V	
Memory card type	Micro-SD	
Bluetooth (optional)	Class 2	
USB interface	USB 2.0	
Dimensions	approx. 136 mm x 14 mm x 86 mm	
Gewicht inkl. Akku	approx. 180 g (without packaging)	
Temperatures	Operating	+41 °F – +95° F (+5° C - +35° C)
	Storage	+32 °F – +140 °F -0° C - +60° C
Humidity (without condensation)	10 – 90 %	

30. Model Overview

Model	Microphone	Bluetooth	TMC via integrated TMC receiver
E5270	---	---	x
E5470	x	x	x

31. Regulatory information

Note: For regulatory identification purposes, your device is assigned a model number of E4x70.

31.1. Regulations statements

31.1.1. European notice

Products with the CE marking comply with Radio & Telecommunication Terminal Equipment Directive
(R&TTE) (1999/5/EC), the Electromagnetic Compatibility Directive (2004/108/EC) and the Low Voltage
Directive (2006/95/EC) - issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Standards:

EN 301 489-1: Electronic compatibility and Radio spectrum Matters (ERM), Electromagnetic
Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.

EN 301 489-17: Electronic compatibility and Radio spectrum Matters (ERM), Electromagnetic
Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment.

EN 300 328: (Bluetooth) Electromagnetic compatibility and Radio spectrum Matters (ERM); Wide-band Transmission systems; Data transmission equipment operating in the 2.4 GHz ISM band and using spread spectrum modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive.

EN 55022: Radio disturbance characteristics

EN 55024: Immunity characteristics

EN 61000-3-2: Limits for harmonic current emissions

EN 61000-3-3: Limitation of voltage fluctuation and flicker in low-voltage supply system

IEC 60950-1:2005: Product Safety

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

32. FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cables, if any, must be used in order to comply with the emission limits.

33. Legal notice

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Copyright is owned by the company:

Medion AG
Am Zehnthof 77
45307 Essen
Germany

Subject to technical and optical changes as well as printing errors.

The operating manual can be reordered via the service hotline and is available for download via the service portal at www.medion.com/gb/service/start/.
You can also scan the QR code above and download the operating manual onto your mobile device via the service portal.

34. Index

A

Accessing Memory cards 72
ActiveSync®-Mode 68
Additional card material 73
Aerial Orientation 30
Alarm Clock
  Ending 60
  Interfaces 56
  Main Screen 56
  Selecting an Alarm Signal 58
  Setting the System Time 57
  Setting the Volume 59
  Snooze Function 60
Alarm Clock (Wake up function)
  Ending the application 60
  Selecting an alarm signal 58
  Setting the system time 57
  Setting the volume 59
Alternative installation of the navigation software from a memory card 73
Ambient temperature 9
Attaching the Navigation System 31
Auto run 67
Auto start 67

B

Battery Charge Indicator 13
Battery Operation 10
Bluetooth
  Accepting incoming calls 42
  During a Call 44
  Main screen 40
  Main Screen 40
  Making Calls 43
  Starten 40
  Starting 40
Bluetooth (optional) 40

C

Cabling 10
Card reader 72
Care of the Display 11
CleanUp 64
Customer Service 75

D

Data exchange 72
Data Security 8
DC AutoSuspend 65

E

Eco Expert 54
Electromagnetic Compatibility 9

F

FAQ 74
FCC Compliance Statement 79

G

GPS 70

H

Hotline 75

I

Information about Conformity 6
Initial set up
  Charging the battery 16
  Power supply 17
  Switching on the device 17

L

Loudspeaker 14

M

Mass Storage mode 68
Memory card insertion slot 15
Memory cards 72
Microphone 13
Microsoft® ActiveSync® 66
Mini-USB-Connector 15
Model Overview 77
Mounting the Car Holder 30
MP3 Player 45
  List of favourites 47
MP3-Player
  Bookmarks 47

N

Navigation
  Aerial Orientation 30
  Attaching the Navigation System 31
  Connecting the Car Adapter 32

Mounting the Car Holder 30
Starting the Navigation Software 33
O
On-/ Off button 14
Operating
Switching on/off the device 20
Operating Environment 8
Operational Safety 7
P
Password 22
Picture Viewer
Main screen 48
Operation 48
Proper Use 6
R
Recycling and Disposal 76
Reset 27
Resetting the navigation system
Hard Reset 27
Soft Reset 27
S
Safety Instructions
Ambient Temperature 9
Battery Operatio 10
Cabling 10
Care of the Display 11
Connection 10
Data Security 8
Electromagnetic Compatibility 9
Maintenance 11
Navigation 28
Operating Environment 8
Operational Safety 7
Transport 76
Security 22
Service
Faults and possible causes 75
Hotline 75
Speech commands 37
Standards
FCC Compliance Statement 79
Sudoku 61
Main screen 61
SuperPIN 24, 25
Supplied Items 12
Synchronisation with the PC 66
T
TMC 71
Touch Screen 13
Traffic Rules Europe 63
Transfer of card material to a memory card 73
Transport 76
Travel Guide 51
U
UUID 24, 25
V
Views
Back Components 14
Front Components 13
Left Components 15
Top Components 14
W
Warning function for traffic monitoring points 34
Where am I? 53

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